

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001047

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F27D 11/02, H05B 3/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F27D, H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4179603 A (JON G. ZEIGLER ET AL), 18 December 1979 (18.12.1979), figure 8, abstract --	1-10
A	US 5473141 A (ANGELO MAKRIS ET AL), 5 December 1995 (05.12.1995), column 4, line 29 - line 32, figure 4, abstract --	1-10
A	GB 1509102 A (NATIONAL ELEMENT INC.), 26 April 1978 (26.04.1978), page 2, line 66 - line 73, figures 1-2 --	1-10

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

17 Sept 2004

Date of mailing of the international search report

22 -09- 2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Mårten Hulthén/MP
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001047

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2643533 A1 (STEIN HEURTEY), 24 August 1990 (24.08.1990), figure 1, abstract -- -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/07/2004

International application No.

PCT/SE 2004/001047

US	4179603	A	18/12/1979	BR	7805740 A	24/07/1979
				IN	150772 A	11/12/1982

US	5473141	A	05/12/1995	NONE		
----	---------	---	------------	------	--	--

GB	1509102	A	26/04/1978	BR	7602669 A	09/11/1976
				CA	1058674 A	17/07/1979
				DE	2619863 A,C	11/11/1976
				FR	2310055 A,B	26/11/1976
				JP	51133838 A	19/11/1976
				JP	56036798 B	26/08/1981
				JP	61113398 U	17/07/1986
				US	RE30838 E	29/12/1981
				US	4016403 A	05/04/1977

FR	2643533	A1	24/08/1990	NONE		
----	---------	----	------------	------	--	--